

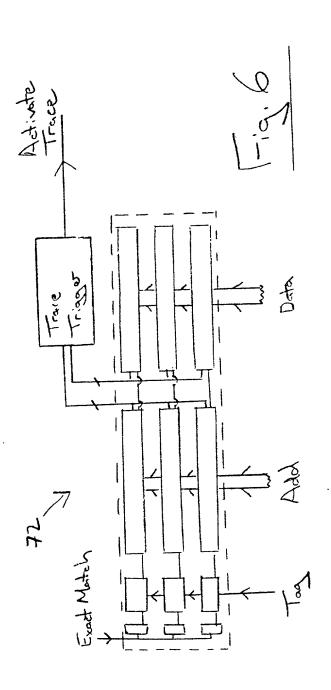
Inst	H:+/Miss	Data	
LDR [Rm]  MOV  CMP  LDR [Rm]  MOV  CMP	H:+ N/A N/A M:ss N/A N/A	Data [Rm]	variable delay
LDR[R]  LDR[R]  MOV  CMP  ADD	Miss Miss N/A N/A	28 — Data [R2] ) Data [RI]	missed elater returned out al

Fig. 2

Data Place Holder Tag!  22 Data Place Holder Tag!  40 Data Place Holder Tag?  40 Late Oata Tag? [R3]  44 Late Oata Tag? [R3]	
Instruction Instruction So Mood CMP	1

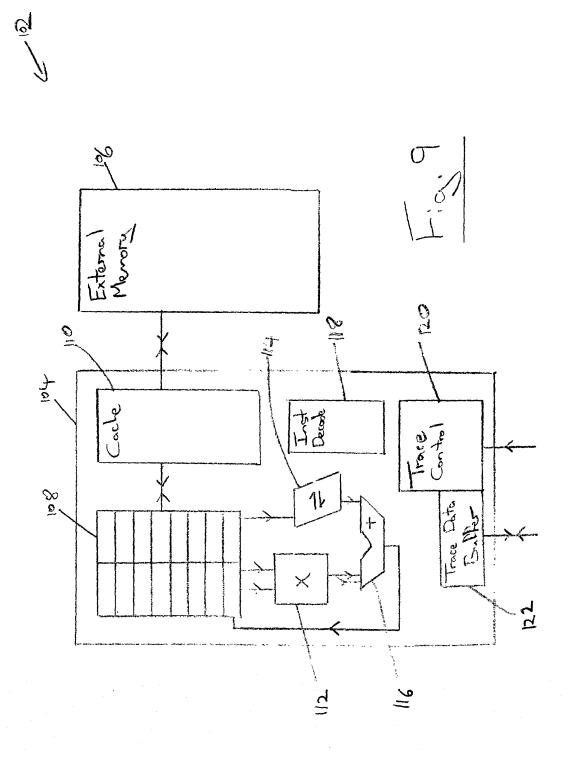
Take Stream	Data Alace Holder Operalize	Octs [R2] Deta Place Holder I pending 52 Lete Deta [R1] 54	SX - Ote Place Llobor 1 perding Late Otta [R3]	
Instruction Trace Stream	46 CMP ADD	LOR[R2] - L:+ 50 / LDR[R3] m:55 54/3	MON LDA [R4] miss Si CMP	\

Data Trace Stream	(Data Place Holder)	Cata Place Holder	58 Data [RS]	79	
Instruction Trace Streem	(2) (LDA [RI] m:s) (MOV) (MOV)	earliest SYNC & I pending & trace into LDR [RZ] miss		SuB	



Data [RI] -0 Deta Stran

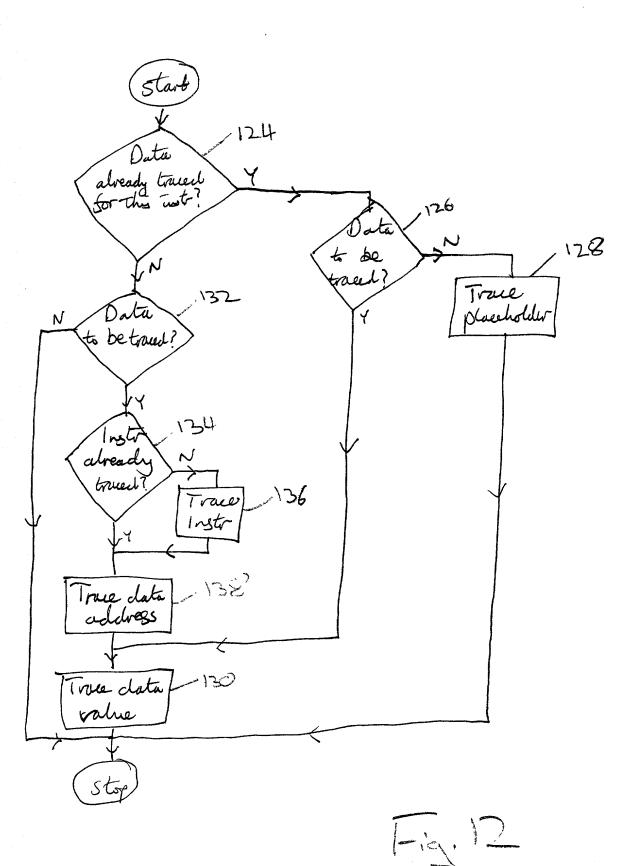
Activation Point	(a) (b) (c)	
Match Lite	> × > ×	
Add	\rightarrow	11
Lixaet Match	\ \ \ \ \ \ \	



LSIN RIAMI, Realist

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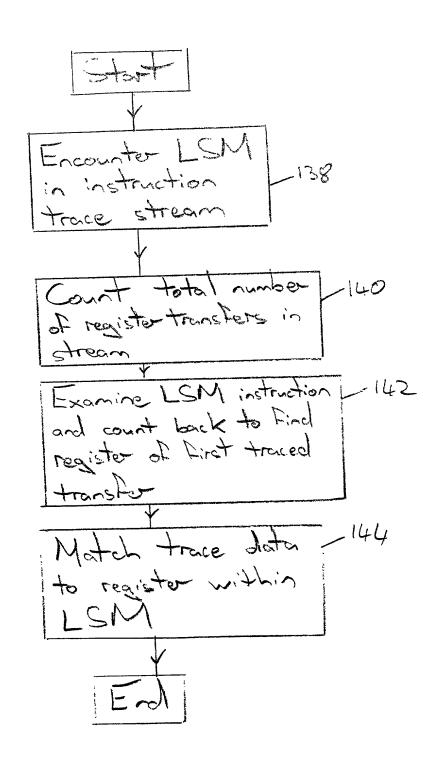


Fig. 13